

CLAIMS

1. A collapsible gazebo frame, comprising:

a set of four corner support members configured to rest on a ground surface at a bottom end and to provide support for other gazebo frame components;

a set of four scissor assemblies, each coupled to a different pair of the four corner support members and configured to extend and retract;

a set of four scissor assembly sliders, each scissor assembly slider being slidably coupled to a different one of the four corner support members and configured to extend and retract the scissor assemblies coupled to the respective corner support member when slid along the corner support member; and

a canopy support frame comprising a set of four canopy support members, each coupled to the top end of a different one of the four corner support members and having a canopy frame joint configured to be placed in a locked position, and a set of four canopy frame sliders, each canopy frame slider being slidably coupled to a different one of the four corner support members and coupled to a different one of the four canopy support members by a canopy frame extender, configured to lock the respective canopy frame joint when slid along the respective corner support member.

2. The collapsible gazebo frame of claim 1, wherein each of the four corner support members is extendable and retractable.

3. The collapsible gazebo frame of claim 1, further comprising a canopy peak support member coupled to inner ends of each canopy support member to support the peak of a gazebo canopy.

4. The collapsible gazebo frame of claim 1, further comprising a set of four feet, each foot fixed to the bottom end of a different one of the four corner support members to anchor the gazebo frame to the ground surface.

5. The collapsible gazebo frame of claim 1, wherein each of the four corner support members is configured to slant inward towards the center of the gazebo frame when the gazebo frame is deployed.

6. A collapsible gazebo frame, comprising:

- a set of four corner support members configured to rest on a ground surface at a bottom end and to provide support for other gazebo frame components;

- a set of four scissor assemblies, each coupled to a different pair of the four corner support members and configured to extend and retract;

- a set of four scissor assembly sliders, each scissor assembly slider being slidably coupled to a different one of the four corner support members and configured to extend and retract the scissor assemblies coupled to the respective corner support member when slid along the corner support member; and

- a canopy support frame comprising a set of four canopy support members, each coupled to the top end of a different one of the four corner support members and having a canopy frame joint configured to be placed in a locked position, and a set of four canopy frame sleeves, each sleeve being slidably coupled to a different one of the four canopy support members and configured to slide around the respective canopy frame joint to lock the canopy frame joint.

7. The collapsible gazebo frame of claim 6, further comprising a set of four sleeve stops, each fixed on a different one of the four canopy support members.

8. The collapsible gazebo frame of claim 7, wherein the sleeve stop is constructed using one of the group consisting of:

- a screw;

- a bolt; and

- welded metal.

9. The collapsible gazebo frame of claim 6, wherein each of the four corner support members is extendable and retractable.

10. The collapsible gazebo frame of claim 6, further comprising a canopy peak support member coupled to inner ends of each canopy support member to support the peak of a gazebo canopy.

11. The collapsible gazebo frame of claim 6, further comprising a set of four feet, each foot fixed to the bottom end of a different one of the four corner support members to anchor the gazebo frame to the ground surface.

12. The collapsible gazebo frame of claim 6, wherein each of the four corner support members is configured to slant inward towards the center of the gazebo frame when the gazebo frame is deployed.